

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S29	359	(laplaci\$5 or gaussian or pyramid\$3) with filter\$4 with (steer\$4 or direct\$6)	US-PGPUB; USPAT	AND	OFF	2004/12/08 10:32
S30	161498	multi\$1resolution\$1 or decompisit\$4 or band\$1limit\$4 or frequency\$1limit\$4	US-PGPUB; USPAT	AND	OFF	2004/12/14 15:59
S31	44	multiresolution adj1 decomposition	US-PGPUB; USPAT	AND	OFF	2004/12/08 11:14
S32	127	multi\$1resolution adj1 decomposition	US-PGPUB; USPAT	AND	OFF	2004/12/14 17:23
S33	592	382/132.ccls.	US-PGPUB; USPAT	AND	OFF	2004/12/08 15:23
S34	633	382/240.ccls.	US-PGPUB; USPAT	AND	OFF	2004/12/08 11:15
S35	299	382/261.ccls.	US-PGPUB; USPAT	AND	OFF	2004/12/08 11:15
S37	595	"382/266".ccls.	US-PGPUB; USPAT	AND	OFF	2004/12/08 11:15
S38	199	382/272.ccls.	US-PGPUB; USPAT	AND	OFF	2004/12/08 11:15
S39	359	(laplaci\$5 or gaussian or pyramid\$3) with filter\$4 with (steer\$4 or direct\$6)	US-PGPUB; USPAT	AND	OFF	2004/12/08 13:10
S40	161498	multi\$1resolution\$1 or decompisit\$4 or band\$1limit\$4 or frequency\$1limit\$4	US-PGPUB; USPAT	AND	OFF	2004/12/08 11:47
S41	19725	smooth\$4 with filter\$1	US-PGPUB; USPAT	AND	OFF	2004/12/08 11:24
S42	1229	S40 and S41	US-PGPUB; USPAT	AND	OFF	2004/12/08 11:17
S43	84561	(steer\$4 or direc\$6) with filter	US-PGPUB; USPAT	AND	OFF	2004/12/08 11:24
S44	404	S42 and S43	US-PGPUB; USPAT	AND	OFF	2004/12/08 12:05
S45	16	S44 and radiograph\$6	US-PGPUB; USPAT	AND	OFF	2004/12/08 11:19
S46	3234791	locat\$4 or detect\$4 or find\$1 or determin\$4 or discern\$3	US-PGPUB; USPAT	AND	OFF	2004/12/08 11:22
S47	1689277	edge\$2 or border\$2 or boundary\$2 or boundaries\$2 or contour\$2 or gradient\$2	US-PGPUB; USPAT	AND	OFF	2004/12/08 11:22
S48	48539	(steer\$4 or direc\$6) near5 filter	US-PGPUB; USPAT	AND	OFF	2004/12/08 11:24
S49	14515	smooth\$4 near5 filter\$1	US-PGPUB; USPAT	AND	OFF	2004/12/08 11:24
S50	221	S40 and S48 and S49	US-PGPUB; USPAT	AND	OFF	2004/12/08 11:31
S51	7687	(multi\$1resolution\$1 adj2 decompisit\$4) or band\$1limit\$4 or frequency\$1limit\$4 or Laplacian	US-PGPUB; USPAT	AND	OFF	2004/12/08 11:57
S52	213	S51 and S48 and S49	US-PGPUB; USPAT	AND	OFF	2004/12/08 11:49

S53	84	S52 not S50	US-PGPUB; USPAT	AND	OFF	2004/12/08 11:49
S54	135	S51 and radiograph\$4	US-PGPUB; USPAT	AND	OFF	2004/12/08 11:58
S55	28	S54 and S49	US-PGPUB; USPAT	AND	OFF	2004/12/08 11:58
S56	116	(reduc\$6 or supress\$4 or eliminat\$4) with noise with adapt	US-PGPUB; USPAT	AND	OFF	2004/12/08 12:06
S57	3264	(reduc\$6 or supress\$4 or eliminat\$4) with noise with adapt\$6	US-PGPUB; USPAT	AND	OFF	2004/12/08 12:07
S58	2954	(reduc\$6 or supress\$4 or eliminat\$4) with noise with adapt\$3	US-PGPUB; USPAT	AND	OFF	2004/12/08 13:17
S59	288	S58 and S41	US-PGPUB; USPAT	AND	OFF	2004/12/08 12:52
S60	34	S59 and S40	US-PGPUB; USPAT	AND	OFF	2004/12/08 12:53
S61	174	S58 and S40	US-PGPUB; USPAT	AND	OFF	2004/12/08 12:54
S62	243645	S46 near\$5 S47	US-PGPUB; USPAT	AND	OFF	2004/12/08 12:56
S63	272	(laplaci\$5 or gaussian) with filter\$4 with (steer\$4 or direct\$6)	US-PGPUB; USPAT	AND	OFF	2004/12/08 13:11
S64	129	S63 and weight\$4	US-PGPUB; USPAT	AND	OFF	2004/12/08 13:13
S65	20	S63 and (weight\$4 near\$3 sum\$1)	US-PGPUB; USPAT	AND	OFF	2004/12/08 13:17
S66	59	S58 and (low\$3 adj2 resolut\$4 adj2 image)	US-PGPUB; USPAT	AND	OFF	2004/12/08 13:19
S67	68	S58 and (low\$3 adj2 resolut\$4 near\$3 image)	US-PGPUB; USPAT	AND	OFF	2004/12/08 13:19
S68	68	S58 and ((low\$3 adj2 resolut\$4) near\$3 image)	US-PGPUB; USPAT	AND	OFF	2004/12/08 13:24
S70	9	S68 not S66	US-PGPUB; USPAT	AND	OFF	2004/12/08 13:20
S71	5678	((low\$3 adj2 resolut\$4) near\$3 image)	US-PGPUB; USPAT	AND	OFF	2004/12/08 13:26
S74	1582	((low\$3 adj2 resolut\$4) near\$3 image) and "382"/\$.ccls.	US-PGPUB; USPAT	AND	OFF	2004/12/08 13:26
S75	626	S74 and noise	US-PGPUB; USPAT	AND	OFF	2004/12/08 13:28
S76	324	S75 and sum	US-PGPUB; USPAT	AND	OFF	2004/12/08 13:28
S77	265	S76 and (average or variance)	US-PGPUB; USPAT	AND	OFF	2004/12/08 13:28
S78	254	S76 and (average)	US-PGPUB; USPAT	AND	OFF	2004/12/08 14:09
S79	199	382/272.ccls.	US-PGPUB; USPAT	AND	OFF	2004/12/08 14:26

S80	3	S79 and S71	US-PGPUB; USPAT	AND	OFF	2004/12/08 14:09
S82	1	"5956427".pn.	US-PGPUB; USPAT	AND	OFF	2004/12/08 15:17
S83	148	variance with noise with threshold	US-PGPUB; USPAT	AND	OFF	2004/12/08 15:18
S84	1	S33 and S83	US-PGPUB; USPAT	AND	OFF	2004/12/08 15:24
S85	176	suppress\$4 near2 noise with images	US-PGPUB; USPAT	AND	OFF	2004/12/08 16:09
S86	15	(suppress\$4 near2 noise) with images with (sum or add\$4)	US-PGPUB; USPAT	AND	OFF	2004/12/08 16:03
S87	6	(suppress\$4 near2 noise) with images with (sum or add\$1 or adding\$1)	US-PGPUB; USPAT	AND	OFF	2004/12/08 16:11
S90	31	tetsuo and ogino	US-PGPUB; USPAT	AND	OFF	2004/12/08 16:08
S91	0	(suppress\$4 near2 noise) with images with sum	US-PGPUB; USPAT	AND	OFF	2004/12/08 16:11
S92	76	(suppress\$4 near2 noise) with images and sum	US-PGPUB; USPAT	AND	OFF	2004/12/08 16:49
S93	132	pixel adj1 energy	US-PGPUB; USPAT	AND	OFF	2004/12/08 16:49
S94	1	"5046147".pn.	US-PGPUB; USPAT	AND	OFF	2004/12/09 11:15
S95	1	"5991457".pn.	US-PGPUB; USPAT	AND	OFF	2004/12/09 11:15
S96	332	"382/264".ccls.	US-PGPUB; USPAT	AND	OFF	2004/12/13 15:14
S97	1586	((low\$3 adj2 resolut\$4) near3 image) and "382"/\$.ccls.	US-PGPUB; USPAT	AND	OFF	2004/12/14 10:39
S98	627	S97 and noise	US-PGPUB; USPAT	AND	OFF	2004/12/14 10:39
S99	324	S98 and sum	US-PGPUB; USPAT	AND	OFF	2004/12/16 15:02
S100	91	sum near3 average near3 pixel	US-PGPUB; USPAT	AND	OFF	2004/12/14 14:37
S101	386	sum near5 (average or variance or difference of deviation or vectors) with pixel	US-PGPUB; USPAT	AND	OFF	2004/12/14 14:38
S102	256	sum near3 (average or variance or difference of deviation or vectors) with pixel	US-PGPUB; USPAT	AND	OFF	2004/12/14 14:38
S103	465	sum near3 (average or variance or difference of deviation or vectors) same pixel	US-PGPUB; USPAT	AND	OFF	2004/12/14 14:38
S104	143	sum near3 (average or variance or difference of deviation or vectors) near5 pixel	US-PGPUB; USPAT	AND	OFF	2004/12/14 14:39
S105	165	S102 not S100	US-PGPUB; USPAT	AND	OFF	2004/12/14 15:18

S106	52	S104 not S100	US-PGPUB; USPAT	AND	OFF	2004/12/14 14:39
S107	20619	(sum or summation or addition or add) with (vector or gradient) and (image or picture)	US-PGPUB; USPAT	AND	ON	2004/12/14 15:20
S108	32	(sum or summation or addition or add) with (pixel adj1 vector) and (image or picture)	US-PGPUB; USPAT	AND	ON	2004/12/14 15:22
S109	33	(sum or summation or addition or add) with (pixel adj1 vector)	US-PGPUB; USPAT	AND	ON	2004/12/14 15:30
S110	17	(frequency adj1 band) with (sum or summation of add or addition) with (vector or gradient)	US-PGPUB; USPAT	AND	ON	2004/12/14 17:28
S111	161863	multi\$1resolution\$1 or decomp\$4 or band\$1limit\$4 or frequency\$1limit\$4	US-PGPUB; USPAT	AND	OFF	2004/12/14 16:00
S112	1418	S111 and S107	US-PGPUB; USPAT	AND	OFF	2004/12/14 16:38
S113	683	S112 and edge	US-PGPUB; USPAT	AND	OFF	2004/12/14 16:05
S114	179	S113 and "382"/\$.ccls.	US-PGPUB; USPAT	AND	OFF	2004/12/14 16:05
S115	1758	(detect\$4 near2 edge) and smooth\$3 and vector	US-PGPUB; USPAT	AND	OFF	2004/12/14 16:39
S116	397	S115 and S111	US-PGPUB; USPAT	AND	OFF	2004/12/14 16:57
S117	4	S116 and (pixel adj1 vector)	US-PGPUB; USPAT	AND	OFF	2004/12/14 16:39
S118	1	"5454047".pn.	US-PGPUB; USPAT	AND	OFF	2004/12/14 16:58
S119	1	"5956418".pn.	US-PGPUB; USPAT	AND	OFF	2004/12/14 16:58
S120	127	multi\$1resolution adj1 decomposition	US-PGPUB; USPAT	AND	OFF	2004/12/14 17:26
S123	22	S120 and S107	US-PGPUB; USPAT	AND	OFF	2004/12/14 17:25
S124	301	multi\$1resolution adj1 (decomposition or representation)	US-PGPUB; USPAT	AND	OFF	2004/12/14 17:27
S125	0	S124 and S110	US-PGPUB; USPAT	AND	OFF	2004/12/14 17:27
S126	49030	(sum or summation of add or addition) with (vector or gradient)	US-PGPUB; USPAT	AND	ON	2004/12/16 14:00
S127	38	S124 and S126	US-PGPUB; USPAT	AND	ON	2004/12/14 17:35
S128	25665	S111 and image	US-PGPUB; USPAT	AND	ON	2004/12/14 17:36
S129	1170	S126 and S128	US-PGPUB; USPAT	AND	ON	2004/12/14 17:36
S130	544	S129 and smooth\$4	US-PGPUB; USPAT	AND	ON	2004/12/14 17:40
S131	36	sum near3 (average near1 vector)	US-PGPUB; USPAT	AND	ON	2004/12/14 17:44

S132	48	sum near5 (average near1 vector)	US-PGPUB; USPAT	AND	ON	2004/12/14 17:43
S133	12	S132 not S131	US-PGPUB; USPAT	AND	ON	2004/12/14 17:43
S134	8550	sum near3 (vector)	US-PGPUB; USPAT	AND	ON	2004/12/14 17:45
S135	266	(sum near3 vector) with images	US-PGPUB; USPAT	AND	ON	2004/12/14 18:05
S136	3348	(sum near5 values) with image	US-PGPUB; USPAT	AND	ON	2004/12/15 10:17
S137	128	((weight\$2 adj1 sum) near5 values) with image	US-PGPUB; USPAT	AND	ON	2004/12/14 18:06
S138	51	S137 and smooth\$3	US-PGPUB; USPAT	AND	ON	2004/12/14 18:07
S139	3348	(sum near5 values) with image	US-PGPUB; USPAT	AND	ON	2004/12/15 10:17
S140	952	S139 and smooth\$3	US-PGPUB; USPAT	AND	ON	2004/12/15 10:22
S141	559	S140 and ("382"/\$.ccls. or "358"/\$.ccls.)	US-PGPUB; USPAT	AND	ON	2004/12/15 15:51
S142	194	sum near5 "two images"	US-PGPUB; USPAT	AND	ON	2004/12/15 15:52
S144	153	sum near5 "between images"	US-PGPUB; USPAT	AND	ON	2004/12/15 16:19
S147	4	sum near5 (pixel adj1 vector)	US-PGPUB; USPAT	AND	OFF	2004/12/15 16:23
S148	4	sum near7 (pixel adj1 vector)	US-PGPUB; USPAT	AND	OFF	2004/12/15 16:23
S149	37	sum near7 (average adj1 vector)	US-PGPUB; USPAT	AND	OFF	2004/12/15 16:55
S150	309	pixel adj1 vector	US-PGPUB; USPAT	AND	OFF	2004/12/15 17:22
S151	304	S150 and sum\$6	US-PGPUB; USPAT	AND	OFF	2004/12/15 16:29
S152	4	average near3 (pixel adj1 vector)	US-PGPUB; USPAT	AND	OFF	2004/12/15 16:55
S153	4	average near6 (pixel adj1 vector)	US-PGPUB; USPAT	AND	OFF	2004/12/15 16:55
S154	159	(pixel adj1 vector) and (edge or contour or border)	US-PGPUB; USPAT	AND	OFF	2004/12/15 17:27
S155	16	band-limited adj1 images	US-PGPUB; USPAT	AND	OFF	2004/12/15 17:28
S156	597	382/132.ccls.	US-PGPUB; USPAT	AND	OFF	2004/12/16 08:59
S157	2517	((sum or summation of add or addition) near5 value) with (vector or gradient)	US-PGPUB; USPAT	AND	ON	2004/12/16 14:06
S158	2174	((sum or summation of add or addition) near5 value) with (vector)	US-PGPUB; USPAT	AND	ON	2004/12/16 14:01

S159	1189	((sum or summation of add or addition) near5 value) with (vector) and images	US-PGPUB; USPAT	AND	ON	2004/12/16 14:32
S160	980	((sum or summation of add or addition) near3 value) with (vector) and images	US-PGPUB; USPAT	AND	ON	2004/12/16 17:31
S161	607	S157 and smooth\$3	US-PGPUB; USPAT	AND	ON	2004/12/16 14:02
S162	1684	S157 and (frequency or resolution)	US-PGPUB; USPAT	AND	ON	2004/12/16 14:06
S163	467	S161 and S162	US-PGPUB; USPAT	AND	ON	2004/12/16 14:28
S164	842	S159 and (frequency or resolution)	US-PGPUB; USPAT	AND	ON	2004/12/16 14:33
S165	264	S164 and smooth\$4	US-PGPUB; USPAT	AND	ON	2004/12/16 17:33
S169	62	sum near7 (lower near5 image)	US-PGPUB; USPAT	AND	OFF	2004/12/16 17:13
S170	944	sum with (transform\$3 or filter\$3 or adjust\$3 or process\$3) with (original or raw or input or first or initial) with image	US-PGPUB; USPAT	AND	OFF	2004/12/16 15:16
S171	326	S170 and smooth\$3	US-PGPUB; USPAT	AND	OFF	2004/12/16 15:16
S172	141	sum near5 ((transform\$3 or filter\$3 or adjust\$3 or process\$3) with (original or raw or input or first or initial)) with image	US-PGPUB; USPAT	AND	OFF	2004/12/16 15:17
S173	60	sum with (low and high) near3 resolution	US-PGPUB; USPAT	AND	OFF	2004/12/16 17:44
S174	46	sum with (lower near3 resolution)	US-PGPUB; USPAT	AND	OFF	2004/12/16 17:32
S175	50	sum with (lower near5 resolution)	US-PGPUB; USPAT	AND	OFF	2004/12/16 17:32
S177	4	S175 not S174	US-PGPUB; USPAT	AND	OFF	2004/12/16 17:32
S178	51	(lower near3 resolution) near5 (frequency adj1 band\$1)	US-PGPUB; USPAT	AND	ON	2004/12/16 17:40
S179	3038	(lower near3 resolution) near2 image	US-PGPUB; USPAT	AND	ON	2004/12/16 17:41
S180	2	S179 near5 sum	US-PGPUB; USPAT	AND	ON	2004/12/16 17:42
S181	19	S179 near5 average	US-PGPUB; USPAT	AND	ON	2004/12/16 17:42
S182	135	average with (low and high) near3 resolution	US-PGPUB; USPAT	AND	OFF	2004/12/16 17:44

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4481	band\$1limited or frequency\$1band\$1 or (multi\$1resolution adj1 decompos\$4) or (multiple adj1 resolution adj1 levels)	US-PGPUB; USPAT	AND	OFF	2004/11/30 13:03
S2	1170	S1 and smooth\$3	US-PGPUB; USPAT	AND	OFF	2004/11/22 11:09
S3	562	S2 and vector\$1	US-PGPUB; USPAT	AND	OFF	2004/11/19 16:01
S4	255	S3 and images	US-PGPUB; USPAT	AND	OFF	2004/11/19 17:37
S5	318	S3 and image	US-PGPUB; USPAT	AND	OFF	2004/11/19 17:28
S6	329212	exposure and (dose or intensity or amount or vary or adapt)	US-PGPUB; USPAT	AND	OFF	2004/11/19 16:02
S7	28	S5 and S6	US-PGPUB; USPAT	AND	OFF	2004/11/22 10:02
S8	52	("4229764" "4315318" "4335427" "4740896" "5144686").PN. OR ("5467404").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2004/11/19 16:04
S9	9	("4258264" "5402338" "5461655" "5467404" "5644662" "5727078" "5805721" "6072913" "6292592").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2004/11/19 16:22
S10	12	("20010016066" "20020031247" "20020159623" "20020168109" "20030016855" "5467404" "5644662" "5805721" "5960123" "5991457" "6009208" "6072913").PN. OR ("6813335").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2004/11/19 16:29
S11	9	("4315318" "4317179" "5111511" "5173788" "5454044" "5739922" "5774597" "5774599" "5825841").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2004/11/19 16:29
S12	47	("5467404").URPN.	USPAT	AND	OFF	2004/11/19 16:30
S13	225	S3 and image	USPAT	AND	OFF	2004/11/19 17:28
S14	126	multi\$1resolution adj1 decomposition	US-PGPUB; USPAT	AND	OFF	2004/11/19 17:51
S15	3006	band-limited or frequency-banded	US-PGPUB; USPAT	AND	OFF	2004/11/19 17:41
S16	4	S14 and S15	US-PGPUB; USPAT	AND	OFF	2004/11/19 17:42
S17	4	S16 and smooth\$3	US-PGPUB; USPAT	AND	OFF	2004/11/19 17:42
S18	3128	S14 or S15	US-PGPUB; USPAT	AND	OFF	2004/11/30 13:11
S19	855	S18 and smooth\$3	US-PGPUB; USPAT	AND	OFF	2004/11/19 17:42
S20	128	S19 and "382"/\$.ccls.	US-PGPUB; USPAT	AND	OFF	2004/11/19 17:43
S21	74	S19 and "382"/\$.ccls.	USPAT	AND	OFF	2004/11/19 17:46

S23	54	S20 not S21	US-PGPUB; USPAT	AND	OFF	2004/11/19 17:46
S24	73	S14 and smooth	US-PGPUB; USPAT	AND	OFF	2004/11/19 17:51
S25	9	adaptive adj1 smooth\$3 adj1 filter	US-PGPUB; USPAT	AND	OFF	2004/11/22 10:02
S26	4481	band\$1limited or frequency\$1band\$1 or (multi\$1resolution adj1 decompos\$4) or (multiple adj1 resolution adj1 levels)	US-PGPUB; USPAT	AND	OFF	2004/11/22 11:09
S27	1170	S26 and smooth\$3	US-PGPUB; USPAT	AND	OFF	2004/11/22 11:09
S28	13	S27 and (two-dimensional adj1 filter)	US-PGPUB; USPAT	AND	OFF	2004/11/22 11:09
S29	1	"5046147".pn.	US-PGPUB; USPAT	AND	OFF	2004/11/23 16:35
S30	1	"5991457".pn.	US-PGPUB; USPAT	AND	OFF	2004/11/23 16:35
S31	331	382/264.ccls.	US-PGPUB; USPAT	AND	OFF	2004/11/23 17:29
S32	74	S31 and vector	US-PGPUB; USPAT	AND	OFF	2004/11/23 17:26
S33	13	382/264.ccls. and 382/132.ccls.	US-PGPUB; USPAT	AND	OFF	2004/11/23 17:29
S35	1645	382/132,264,261,266.ccls.	US-PGPUB; USPAT	AND	OFF	2004/11/26 15:51
S36	252	S35 and (decomposition or (frequency adj1 band) or multi\$1resolution)	US-PGPUB; USPAT	AND	OFF	2004/11/26 15:52
S37	186	S35 and (decomposition or frequency-band or band-limited or multi\$1resolution)	US-PGPUB; USPAT	AND	OFF	2004/11/26 15:53
S38	187	S35 and (decomposition or (frequency\$1band) or (band\$1limited) or multi\$1resolution)	US-PGPUB; USPAT	AND	OFF	2004/11/26 16:08
S39	111	S38 and weight\$3	US-PGPUB; USPAT	AND	OFF	2004/11/26 16:08
S40	78	S39 and sum	US-PGPUB; USPAT	AND	OFF	2004/11/26 16:08
S41	26	S38 and (weight\$3 near2 sum)	US-PGPUB; USPAT	AND	OFF	2004/11/26 16:16
S42	331	382/264.ccls.	US-PGPUB; USPAT	AND	OFF	2004/11/26 16:18
S43	298	382/261.ccls.	US-PGPUB; USPAT	AND	OFF	2004/11/26 16:17
S44	594	382/266.ccls.	US-PGPUB; USPAT	AND	OFF	2004/11/26 16:17
S45	0	382/264.ccls.l8 and S38	US-PGPUB; USPAT	AND	OFF	2004/11/26 16:18
S46	42	S42 and S38	US-PGPUB; USPAT	AND	OFF	2004/11/26 16:18

S47	1	"5708693".pn.	US-PGPUB; USPAT	AND	OFF	2004/11/29 10:49
S48	4	average near3 (pixel adj1 vector)	US-PGPUB; USPAT	AND	OFF	2004/11/29 17:53
S49	19	edge adj1 confidence	US-PGPUB; USPAT	AND	OFF	2004/11/29 18:04
S50	1	degree adj2 S49	US-PGPUB; USPAT	AND	OFF	2004/11/29 18:01
S51	797	vector and (degree adj2 confidence)	US-PGPUB; USPAT	AND	OFF	2004/11/29 18:02
S52	37	vector near4 (degree adj2 confidence)	US-PGPUB; USPAT	AND	OFF	2004/11/29 18:02
S53	1	S52 with edge	US-PGPUB; USPAT	AND	OFF	2004/11/29 18:02
S54	425	vector adj1 average	US-PGPUB; USPAT	AND	OFF	2004/11/29 18:05
S55	0	vector adj1 average17 and pixel	US-PGPUB; USPAT	AND	OFF	2004/11/29 18:05
S56	17	(vector adj1 average) with pixel	US-PGPUB; USPAT	AND	OFF	2004/11/29 18:06
S57	3	(vector adj1 average) with edge	US-PGPUB; USPAT	AND	OFF	2004/11/29 18:07
S58	26	(weighted adj1 sum) near4 variance	US-PGPUB; USPAT	AND	OFF	2004/11/30 13:20
S59	5	S58 same image	US-PGPUB; USPAT	AND	OFF	2004/11/30 13:03
S60	26	S58	US-PGPUB; USPAT	AND	OFF	2004/11/30 13:03
S61	225	(weighted adj1 sum) near4 image	US-PGPUB; USPAT	AND	OFF	2004/11/30 13:08
S62	105	S61 and "382"/\$.ccls.	US-PGPUB; USPAT	AND	OFF	2004/11/30 13:19
S64	12	(weighted adj1 sum) and (multi\$1resolution adj1 decomposition)	US-PGPUB; USPAT	AND	OFF	2004/11/30 13:08
S65	127	multi\$1resolution adj1 decomposition	US-PGPUB; USPAT	AND	OFF	2004/11/30 13:11
S66	3019	band-limited or frequency-banded	US-PGPUB; USPAT	AND	OFF	2004/11/30 13:11
S67	3142	S65 or S66	US-PGPUB; USPAT	AND	OFF	2004/11/30 13:11
S68	148	S67 and (weighted adj1 sum)	US-PGPUB; USPAT	AND	OFF	2004/12/01 15:20
S69	5	S61 and "382"/264.ccls.	US-PGPUB; USPAT	AND	OFF	2004/11/30 13:45
S70	36	(weighted adj1 sum) near7 variance	US-PGPUB; USPAT	AND	OFF	2004/11/30 13:22
S71	10	S70 not S58	US-PGPUB; USPAT	AND	OFF	2004/11/30 13:20

S72	92	((weighted adj1 sum) near7 value) with image	US-PGPUB; USPAT	AND	OFF	2004/11/30 13:23
S73	332	382/264.ccls.	US-PGPUB; USPAT	AND	OFF	2004/11/30 13:45
S74	223	382/264.ccls. and smooth\$3	US-PGPUB; USPAT	AND	OFF	2004/11/30 13:46
S75	111	S74 and sum	US-PGPUB; USPAT	AND	OFF	2004/11/30 13:48
S76	15	S75 and decomposit\$4	US-PGPUB; USPAT	AND	OFF	2004/11/30 17:32
S103	0	(average near1 vector\$1) with sum with images	US-PGPUB; USPAT	AND	OFF	2004/12/01 10:18
S104	60	(average near1 vector\$1) with sum	US-PGPUB; USPAT	AND	OFF	2004/12/01 10:21
S105	953	(average near1 vector\$1)	US-PGPUB; USPAT	AND	OFF	2004/12/01 10:26
S106	102	S105 and decomposition	US-PGPUB; USPAT	AND	OFF	2004/12/01 10:23
S107	68	S106 and noise	US-PGPUB; USPAT	AND	OFF	2004/12/01 10:23
S108	7	(average near1 vector\$1) with (two near4 images)	US-PGPUB; USPAT	AND	OFF	2004/12/01 10:27
S109	7	(average near1 vector\$1) with (two near6 images)	US-PGPUB; USPAT	AND	OFF	2004/12/01 10:27
S110	17	(average near4 vector\$1) with (two near4 images)	US-PGPUB; USPAT	AND	OFF	2004/12/01 10:30
S111	147	(average near4 vector\$1) with sum	US-PGPUB; USPAT	AND	OFF	2004/12/01 10:37
S112	16	S111 and (two near5 images)	US-PGPUB; USPAT	AND	OFF	2004/12/01 10:30
S113	29	S111 and "382"/\$.ccls.	US-PGPUB; USPAT	AND	OFF	2004/12/01 10:33
S114	157	multi\$1resolution and (weighted adj1 sum)	US-PGPUB; USPAT	AND	OFF	2004/12/01 15:34
S115	107	S114 and noise	US-PGPUB; USPAT	AND	OFF	2004/12/01 15:34
S116	38	S115 and smoothing	US-PGPUB; USPAT	AND	OFF	2004/12/01 15:34
S117	43	(laplaci\$5 or gaussian) with filter\$4 with steer\$4	US-PGPUB; USPAT	AND	OFF	2004/12/21 12:37
S118	44	(laplaci\$5 or gaussian) with filter\$4 with steer\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2004/12/07 11:51
S119	2	"5956427".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2004/12/06 17:20

S120	259	wenpeng and chen	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2004/12/06 17:49
S121	39	("4646250" "4672683" "4716404" "4829453" "4850025" "4944023" "5012334" "5093867" "5148522" "5179652" "5202828" "5220648" "5249056" "5381158" "5421008" "5428727" "5434966" "5462370" "5469209" "5469512" "5526446" "5539541" "5579471" "5586197" "5621821" "5633511" "5687239" "5704013" "5729471" "5745126" "5751286" "5767893" "5793888" "5915036" "5956427" "5974159" "6256409" "6289123" "6532301").PN. OR ("6674915").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2004/12/06 17:23
S122	3	(laplaci\$5 or gaussian) with ((suppress\$4 or reduc\$5 of eliminat\$4) near3 noise) with (edge or contour)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2004/12/07 10:39
S123	67	(laplaci\$5 or gaussian) with ((suppress\$4 or reduc\$5 of eliminat\$4) near3 noise)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2004/12/07 11:07
S124	71	(laplaci\$5 or gaussian or pyramid\$3) with ((suppress\$4 or reduc\$5 of eliminat\$4) near3 noise)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2004/12/07 11:08
S125	4	S124 not S123	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2004/12/07 11:08
S127	19	sum with first with second with image with resolution	US-PGPUB; USPAT	AND	OFF	2004/12/21 09:30
S128	2071	sum\$6 with first with second with image\$1	US-PGPUB; USPAT	AND	OFF	2004/12/21 09:31
S129	1385	sum with first with second with image\$1	US-PGPUB; USPAT	AND	OFF	2004/12/21 09:31
S130	52	sum with first with second with image\$1 with weighted	US-PGPUB; USPAT	AND	OFF	2004/12/21 09:53
S131	50	sum with first with second with image\$1 with average	US-PGPUB; USPAT	AND	OFF	2004/12/21 10:07
S132	60	sum with first with second with image\$1 with vector\$1	US-PGPUB; USPAT	AND	OFF	2004/12/21 10:43
S133	92	sum with first with second with resolution\$1	US-PGPUB; USPAT	AND	OFF	2004/12/21 10:23
S134	485	sum with first with second with image\$1 with value\$1	US-PGPUB; USPAT	AND	OFF	2004/12/21 10:44
S135	146	S134 and smooth\$3	US-PGPUB; USPAT	AND	OFF	2004/12/21 10:44

S136	128	sum with (resolution near3 image)	US-PGPUB; USPAT	AND	OFF	2004/12/21 12:29
S137	31291	(sum near5 value\$1) and (resolution or frequency or frequencies)	US-PGPUB; USPAT	AND	OFF	2004/12/21 12:31
S138	12882	(sum near5 value\$1) and (resolution\$1)	US-PGPUB; USPAT	AND	OFF	2004/12/21 12:31
S139	104	(sum near5 value\$1) and (multiple adj1 resolution\$1)	US-PGPUB; USPAT	AND	OFF	2004/12/21 12:32
S141	1	"5550888".pn.	US-PGPUB; USPAT	AND	OFF	2004/12/21 14:00